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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known	
Application Number	10/810,751
Filing Date	03/26/2004
First Named Inventor	David S. F. Young
Art Unit	1642
Examiner Name	
Attorney Docket Number	2056.039

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code[2] (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
PR		US- 2004/0197328A1	10/07/2004	D. Young et al	
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FOREIGN PATENT DOCUMENTS

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PR		WO2003/086456	10/23/2003	Arius Research Inc		

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PR		US- 4,861,581	08/29/1989	Epstein et al	
PR		US- 5,171,665	12/15/1992	Hellstrom et al	
PR		US- 5,484,596	01/16/1996	Hanna, Jr., et al	
PR		US- 5,693,763	12/02/1997	Codington et al	
PR		US- 5,750,102	05/12/1998	Eisenbach et al	
PR		US- 5,780,033	07/14/1998	Torchilin et al	
PR		US- 5,783,186	07/21/1998	Arakawa et al	
PR		US- 5,849,876	12/15/1998	Linsley et al	
PR		US- 5,869,045	02/09/1999	Hellstrom et al	
PR		US- 5,869,268	02/09/1999	Kudo et al	
PR		US- 6,180,357	01/30/2001	Young et al	
PR		US- 5,296,348	03/22/1994	Rakowicz-Szulczynska et al	
PR		US- 2004/0105816A1	06/03/2004	Young et al	
PR		US- 2003/0211498A1	11/13/2003	Morin et al	
PR		US- 2004/0141913A1	07/22/2004	Young et al	
PR		US- 2004/0141915A1	07/22/2004	Young et al	
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PR		WO01/075177	10/11/2001	The Government of the United States	Abstract	✓
				of America, as represented by the		
				Secretary, Dept Health & Human Services		
PR		WO02/55551	07/18/2002	Shanghai Biowindow Gene Development Inc	Abstract	
PR		CN1364803A	08/21/2002	Shanghai Biowindow Gene Development Inc	Abstract	
PR		CN1326962A	12/19/2001	Shanghai Bode Gene Development Co Ltd	Abstract	

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PR		CN1326951A	12/19/2001	Shanghai Bode Gene Development Co Ltd	Abstract	✓
PR		CN1351054A	05/29/2002	Shanghai Bode Gene Development Co Ltd	Abstract	

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		T. KARPANEN et al, "Vascular endothelial growth factor C promotes tumor lymphangiogenesis and intralymphatic tumor growth", Cancer Research, 61:1786-1790 (March, 2001)	
		W. WAUD et al, "Characterization of in vivo mammary and prostate tumor xenograft models for growth and response to clinical anticancer agents", Contrib Oncol Basel Karger, 54:305-315 (1999)	
		G. KLEMENT et al, "Differences in therapeutic indexes of combination metronomic chemotherapy and an anti-VEGFR-2 antibody in multidrug-resistant human breast cancer xenografts", Clinical Cancer Research, 8:221-232 (January, 2002)	
		D. BLAKEY et al, "Antitumor activity of the novel vascular targeting agent ZD6126 in a panel of tumor models", Clinical Cancer Research, 8:1974-1983 (June, 2002)	
		Z. XIAO et al, "Generation of a baculovirus recombinant prostate-specific membrane antigen and its use in the development of a novel protein biochip quantitative immunoassay", Protein Expresion and Purification, 19:12-21 (2000)	
		S. Guichard et al, "Schedule-dependent activity of topotecan in OVCAR-3 ovarian carcinoma xenograft: pharmacokinetic and pharmacodynamic evaluation", Clinical Cancer Research, 7:3222-3228 (October, 2001)	
		V. VON GRUENIGEN et al, "Efficacy of intraperitoneal adenovirus-mediated p53 gene therapy in ovarian cancer", Int. J. Gynecol. Cancer, 9:365-372 (1999)	
		N. GUILBAUD et al, "Marked antitumor activity of a new potent acronycine derivative in orthotopic models of human solid tumors", Clinical Cancer Research, 7:2573-2580 (August, 2001)	
		K. OLSON et al, "Inhibition of prostate carcinoma establishment and metastatic growth in mice by an antiangiogenin monoclonal antibody", Int. J. Cancer, 98:923-929 (2002)	
		S. HIRSCHFELD et al, "Oncology drug development: United States Food and Drug Administration perspective", Critical Reviews in Oncology/Hematology, 42:137-143 (2002)	

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		P. THERASSE et al, "New guidelines to evaluate the response to treatment in solid tumors", Journal of the National Cancer Institute, 92(3):205-216 (February, 2000)	
		G. ECKHARDT et al, "Developmental therapeutics: successes and failures of clinical trial designs of targeted compounds", in American Society of Clinical Oncology, pp. 209-219 (2003)	
		P. SMITH et al, "Anti-interleukin-6 monoclonal antibody induces regression of human prostate cancer xenografts in nude mice", The Prostate, 48:47-53 (2001)	
PR		M. MARTINEZ-LORENZO et al, "Unusual intracellular trafficking of salmonella typhimurium in human melanoma cells", Cellular Microbiology, 3(6):407-416 (2001)	
PR		H. OKOCHI et al, "Expression of tetra-spans transmembrane family (CD9, CD37, CD53, CD63, CD81 and CD82) in normal and neoplastic human keratinocytes: an association of CD9 with alpha3beta1 integrin", British Journal of Dermatology, 137:856-863 (1997)	
PR		J-M. ESCOLA et al, "Selective enrichment of tetraspan proteins on the internal vesicles of multivesicular endosomes and on exosomes secreted by human B-lymphocytes", J. Biol. Chem., 273(32):20121-20127 (August, 1998)	
PR		A. ENGERING et al, "Association of distinct tetraspanins with MHC class II molecfules at different subcellular locations in human immature dendritic cells", International Immunology, 13(2):127-134 (2001)	
PR		P. SINCOCK et al, "Localization of the transmembrane 4 superfamily (TM4SF) member PETA-3 (CD151) in normal human tissues: comparison with CD9, CD63, and alpha5beta1 integrin", J. Histochem Cytochem, 45:515-525 (1997)	
PR		F. BERDITCHEVSKI et al, "Characterization of integrin-tetraspanin adhesion complexes: role of tetraspanins in integrin signaling", J. Cell Biol., 146(2):477-492 (July, 1999)	
PR		R. YAUCH et al, "Specific interactions among transmembrane 4 superfamily (TM4SF) proteins and phosphoinositide 4-kinase", Biochem. J., 351:629-637 (2000)	

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PR		A. ZANNETTINO et al, "Molecular cloning of the cell surface antigen identified by the osteoprogenitor-specific monoclonal antibody, HOP-26", J. Cell. Biochem., 89:56-66 (2003)	
PR		C. JOYNER et al, "Identification and enrichment of human osteoprogenitor cells by using differentiation stage-specific monoclonal antibodies", Bone, 21(1):1-6 (July, 1997)	
PR		D. AZORSA et al, "A general approach to the generation of monoclonal antibodies against members of the tetraspanin superfamily using recombinant GST fusion proteins", J. Immunol. Meth., 229:35-48 (1999)	
PR		T. MARTIN, "Phosphoinositide lipids as signaling molecules: common themes for signal transduction, cytoskeletal regulation, and membrane trafficking", Annu. Rev. Cell Dev. Biol.,14:231-264 (1998)	
PR		J. HILDRETH et al, "Characterization of a novel self-associating Mr 40,000 platelet glycoprotein", Blood, 77 (1):121-132 (January, 1991)	
PR		R. STEPHEN et al, "A novel oestrogen-regulated gene in human breast cancer cells identified by differential display", J. Mol. Endocrin., 20:375-380 (1998)	
PR		G. ANDREOLA et al, "Induction of lymphocyte apoptosis by tumor cell secretion of FasL-bearing microvesicles", J. Exp. Med., 195(10):1303-1316 (May, 2002)	
PR		H-I. JANG et al, "A decrease in the expression of CD63 tetraspanin protein elevates invasive potential of human melanoma cells", Experimental and Molecular Medicine, 35(4):317-323 (August, 2003)	
PR		S. LEBEL-BINAY et al, "CD82, member of the tetra-span-transmembrane protein family, is a costimulatory protein for T cell activation", J. Immunol., 155:101-110 (1995)	
PR		C. HUANG et al, "Correlation of reduction in MRP-1/CD9 and KAI1/CD82 expression with recurrences in breast cancer patients", Am J Pathol, 153(3):973-983 (September, 1998)	

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PR		P. PETERS et al, "Cytotoxic T lymphocyte granules are secretory lysosomes, containing both perforin and granzymes", J. Exp. Med., 173:1099-1109 (May, 1991)	
PR		B. MANNION et al, "Transmembrane-4 superfamily proteins CD81 (TAPA-1), CD82, CD63, and CD53 specifically associate with integrin alpha4beta1 (CD49d/CD29)", J. Immunol., 157:2039-2047 (1996)	
PR		Y. KOYAMA et al, "CD63, a member of tetraspan transmembrane protein family, induces cellular spreading by reaction with monoclonal antibody on substrata", Biochem Biophys Res Comm, 246(3):841-846 (1998)	
PR		K. RADFORD et al, "Regulation of tumor cell motility and migration by CD63 in a human melanoma cell line", J. Immunol., 158:3353-3358 (1997)	
PR		J. LI et al, "Recombinant CD63/ME491/neuroglandular/NKI/C-3 antigen inhibits growth of established tumors in transgenic mice", J. Immunol., 171:2922-2929 (2003)	
PR		M. METZELAAR et al, "CD63 antigen", J. Biol. Chem., 266(5):3239-3245 (February, 1991)	
PR		A. ZANNETTINO et al, "A powerful new technique for isolating genes encoding cell surface antigens using retroviral expression cloning", J. Immunol., 156:611-620 (1996)	
PR		V. TOOTHILL et al, "Characterization of the enhanced adhesion of neutrophil leukocytes to thrombin-stimulated endothelial cells", J. Immunol., 145(1):283-291 (July, 1990)	
PR		T. KOBAYASHI et al, "The tetraspanin CD63/lamp3 cycles between endocytic and secretory compartments in human endothelial cells", Molecular Biology of the Cell, 11:1829-1843 (May, 2000)	
PR		K. SKUBITZ et al, "CD63 associates with tyrosine kinase activity and CD11/CD18, and transmits an activation signal in neutrophils", J. Immunol., 157:3617-3626 (1996)	

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PR		F. BERDITCHEVSKI et al, "A novel link between integrins, transmembrane-4 superfamily proteins (CD63 and CD81), and phosphatidylinositol 4-kinase", J. Biol. Chem., 272(5):2595-2598 (January, 1997)	
PR		F. BERDITCHEVSKI et al, "Specific association of CD63 with the VLA-3 and VLA-6 integrins", J. Biol. Chem., 270(30):17784-17790 (July, 1995)	
PR		K. SKUBITZ et al, "CD63 associates with CD11/CD18 in large detergent-resistant complexes after translocation to the cell surface in human neutrophils", FEBS Letters, 469:52-56 (2000)	
PR		K. RADFORD et al, "CD63 associates with transmembrane 4 superfamily members, CD9 and CD81, and with beta1 integrins in human melanoma", Biochem Biophys Res Comm, 222:13-18 (1996)	
PR		C. CLAAS et al, "Evaluation of prototype transmembrane 4 superfamily protein complexes and their relation to lipid rafts", J. Biol. Chem., 276(11):7974-7984 (March, 2001)	
PR		C. HAMMOND et al, "The tetraspan protein CD82 is a resident of MHC class II compartments where it associates with HLA-DR, -DM, and -DO molecules", J. Immunol, 161:3282-3291 (1998)	
PR		D. DEMETRICK et al, "ME491 melanoma-associated glycoprotein family: antigenic identity of ME491, NKI/C-3, neuroglandular antigen (NGA), and CD63 proteins", J. Natl Cancer Inst, 84(6):422-429 (March, 1992)	
PR		C. VENNEGOOR et al, "Circulating melanoma-associated antigen detected by monoclonal antibody NKI/C-3", Cancer Immunol Immunother, 23:93-100 (1986)	
PR		M. WANG et al, "An ocular melanoma-associated antigen", Arch Ophthalmol., 110:399-404 (1992)	
PR		B. ULBRICHT et al, "Influence of 12(S)-hydroxyeicosatetraenoic acid (12(S)-HETE) on the localization of cathepsin B and cathepsin L in human lung tumor cells", Eur J Cell Biol, 74:294-301 (November, 1997)	

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PR		M. BARRIO et al, "Monoclonal antibody FC-5.01, directed against CD63 antigen, is internalized into cytoplasmic vesicles in the IIB-BR-G human breast cancer cell line", Hybridoma, 17(6):517-523 (1998)	
PR		M. ADACHI et al, "Novel staging protocol for non-small-cell lung cancers according to MRP-1/CD9 and KAII/CD82 gene expression", J. Clin. Oncol., 16(4):1397-1406 (April, 1998)	
PR		E. RUBINSTEIN et al, "CD9, CD63, CD81, and CD82 are components of a surface tetraspan network connected to HLA-DR and VLA integrins", Eur. J. Immunol., 26:2657-2665 (1996)	
PR		H. HOTTA et al, "Genomic structure of the ME491/CD63 antigen gene and functional analysis of the 5'-flanking regulatory sequences", Biochem Biophys Res Comm, 185(1):436-442 (May, 1992)	
PR		Y. KOYAMA et al, "A novel monoclonal antibody induces the differentiation of monocyte leukemic cells", Biochem Biophys Res Comm, 168(3):898-904 (May, 1990)	
PR		A. CARMO et al, "Association of the transmembrane 4 superfamily molecule CD53 with a tyrosine phosphatase activity", Eur. J. Immunol., 25:2090-2095 (1995)	
PR		M. BARRIO et al, "A new epitope on human melanoma-associated antigen CD63/ME491 expressed by both primary and metastatic melanoma", Hybridoma, 17(4):355-364 (1998)	
PR		Z. SI et al, "Expression of the neuroglandular antigen and analogues in melanoma, CD9 expression appears inversely related to metastatic potential of melanoma", Int. J. Cancer, 54:37-43 (1993)	
PR		K. RADFORD et al, "Suppression of human melanoma cell growth and metastasis by the melanoma-associated antigen CD63 (ME491)", Int. J. Cancer, 62:631-635 (1995)	
PR		L. SIKORA et al, "Characterization of a novel neuroglandular antigen (NGA) expressed on abnormal human melanocytes", Int. J. Cancer, 39:138-145 (1987)	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 9 of 9

Complete if Known	
Application Number	10/810,751
Filing Date	03/26/2004
First Named Inventor	David S. F. Young
Art Unit	1642
Examiner Name	
Attorney Docket Number	2056.039

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
PR		S. KENNEL et al, "Monoclonal antibody to rat CD63 detects different molecular forms in rat tissue", Hybridoma, 17(6):509-515 (1998)	
PR		H. HOTTA et al, "Molecular cloning and characterization of an antigen associated with early stages of melanoma tumor progression", Cancer Research, 48:2955-2962 (June, 1988)	
PR		H. NIEUWENHUIS et al, "Studies with a monoclonal antibody against activated platelets: evidence that a secreted 53,000-molecular weight lysosome-like granule protein is exposed on the surface of activated platelets in the circulation", Blood, 70(3):838-845 (September, 1987)	
PR		B. ATKINSON et al, "Monoclonal antibody to a highly glycosylated protein reacts in fixed tissue with melanoma and other tumors", Hybridoma, 4(3):243-255 (1985)	
PR		G. SAUER et al, "Expression of tetraspanin adaptor proteins below defined threshold values is associated with in vitro invasiveness of mammary carcinoma cells", Oncology Reports, 10:405-410 (2003)	
PR		H. HOTTA et al, "Overexpression of the human melanoma-associated antigen ME491 patially suppresses in vivo malignant phenotypes of H-ras-transformed NIH3T3 cells in athymic nude mice", Melanoma Research, 1:125-132 (1991)	
PR		M. KONDOH et al, "Decreased expression of human melanoma-associated antigen ME491 along the progression of melanoma pre-canceroses to invasive and metastatic melanomas", Melanoma Research, 3:241-245 (1993)	

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